



SECTION 311

PROCESSING AGGREGATE SURFACE

311.1 Description. This work shall consist of incorporating aggregate surfacing material into the top portion of the roadbed and compacting and shaping the mixture.

311.2 Construction Requirements.

311.2.1 After the designated quantity of aggregate surfacing material has been distributed and spread uniformly over the prepared subgrade, it shall be incorporated into the upper 2 to 4 inches (50 to 100 mm) of the roadbed by the use of a blade, tiller, scarifier or disk until a uniform mixture of surfacing material and roadbed soil is attained.

311.2.2 The mixture shall be compacted by not less than three complete coverages with a tamping-type roller and rolling shall be continued until there is no visible evidence of further consolidation. The tamping roller shall have a minimum load on each tamper of 250 pounds per square inch (18 kg/100 mm²) of tamping area. Water shall be added to or removed from the mixture as necessary, in the judgment of the engineer, to permit proper consolidation. Shaping and compacting shall be continued until a true uniform surface of proper cross section is obtained. Final rolling shall be accomplished by means of a pneumatic tire roller weighing not less than 5 tons (having a mass of not less than 4.5 kg).

311.2.3 The compacted mixture of aggregate surfacing material and roadbed soil shall be maintained until the work has been accepted. Weak or soft spots which develop at any time in the compacted roadbed surface prior to acceptance shall be repaired with suitable material at the contractor's expense.

311.3 Method of Measurement. Measurement will be made to the nearest 1/10 station (5 m) as measured along the centerline of the roadbed. Final measurement will not be made except for authorized changes during construction or where appreciable errors are found in the contract quantity. The revision or correction will be computed and added to or deducted from the contract quantity.

311.4 Basis of Payment. The accepted quantity of processing aggregate surface will be paid for at the contract unit price. No direct payment will be made for water required in performing this work. Any costs involved in reducing the moisture content will be at the expense of the contractor.